



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hardayal Singh Gill

Attorney Docket #: HSJ9-2003-0107US1

Serial No.: 10/631,340

Group No.: 2652

Filing Date: July 30, 2003

Title: "MAGNETIC BIAS PINNING LAYER FOR GMR SENSOR OF A MAGNETIC HEAD FOR A HARD DISK DRIVE"

LETTER TO THE OFFICIAL DRAFTSMAN

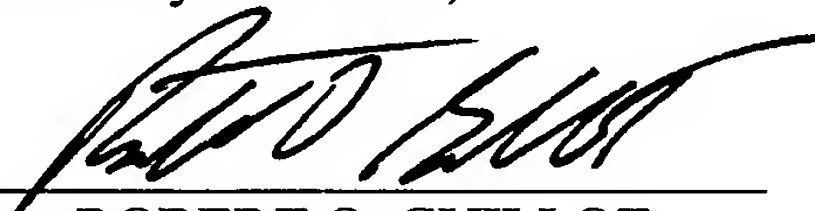
ATTN: Official Draftsman
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Subject to the approval of the Examiner, please substitute the enclosed 2 sheets of formal drawings for the informal drawings originally filed with the application.

Date: October 30, 2003

Respectfully submitted,


By 
ROBERT O. GUILLOT
Reg. No. 28,852

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

Date: October 30, 2003


Patricia Beilmann